

# Capital Projects Overview

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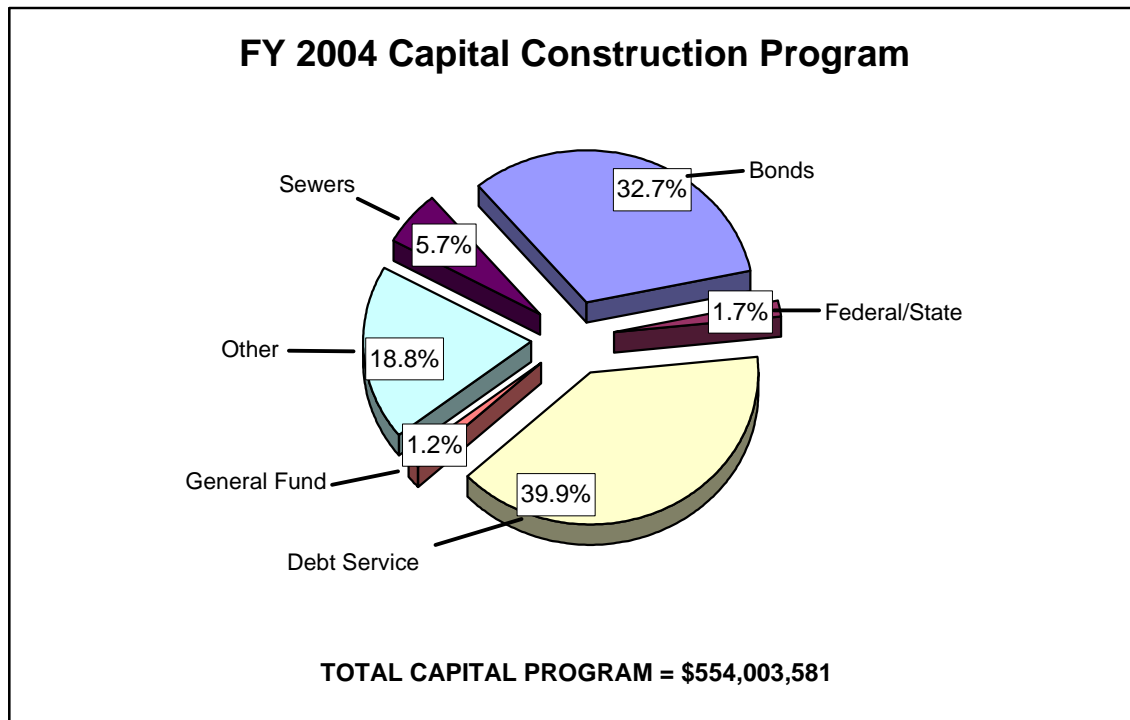
# CAPITAL PROJECTS OVERVIEW

## Summary of Capital Construction Program

The Capital Construction Program of Fairfax County is organized to meet the existing and anticipated future needs of the citizens of the County and to enable the County government to provide necessary services. The Capital Construction Program (other than sanitary sewer construction and resource recovery projects) is primarily financed through transfers from the General Fund and the sale of General Obligation bonds. Supplementing the General Fund and General Obligation bond monies are additional funding sources including Federal and State grants, contributions, and tax revenues from special revenue districts.

The Fairfax County Capital Construction Program includes: School construction of both new and renovated school facilities, park facilities, primary and secondary roadways, libraries, trails/sidewalks, fire stations, government centers with police substations, storm drainage infrastructure, streetlight installations, and the renovation/maintenance of County facilities. In addition, the Capital Construction Program includes the construction of housing units to provide affordable housing opportunities to citizens, neighborhood improvements to older County neighborhoods, and commercial revitalization initiatives for specific commercial centers identified throughout the County.

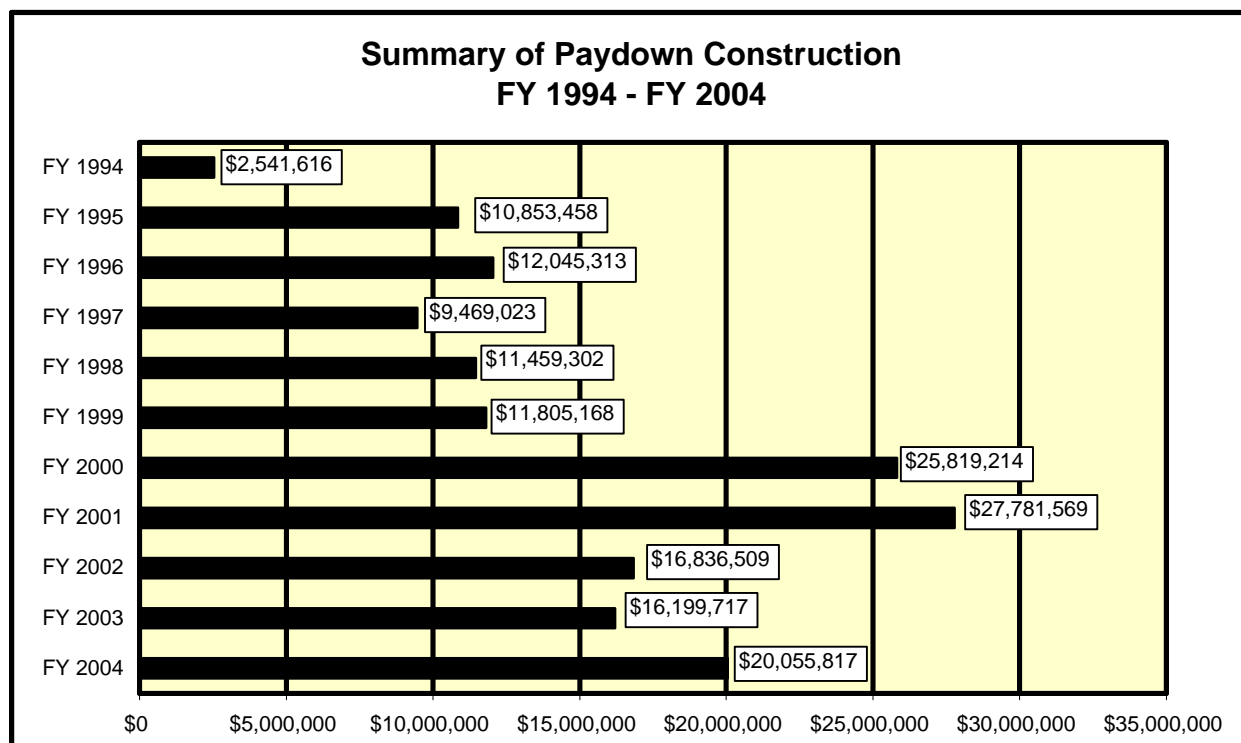
Funding in the amount of \$554,003,581 is included in FY 2004 for the County's Capital Construction Program. Of this amount, \$221,190,116 is included for debt service and \$332,813,465 is included for capital expenditures. The source of funding for capital expenditures includes: \$6,393,041 in General Fund monies, \$181,140,532 in General Obligation Bonds, \$31,534,000 in sewer system revenues, and \$113,745,892 in financing from various other sources. Other sources of financing include transfers from other funds, federal and state funding, user fees, developer contributions and payments, and miscellaneous revenues.



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## Capital Paydown Program

In FY 2004, an amount of \$20,055,817 has been included for the Capital Paydown Program. This funding level is supported by the General Fund in the amount of \$6,393,041, athletic field user fees of \$3,300,000, State Aid in the amount of \$8,362,776 and other revenues of \$2,000,000. The paydown construction program had been constrained in the past based on budget limitations. Between FY 1986 and FY 1990, the County paydown construction program averaged approximately \$46.0 million, or 4.6 percent, of the General Fund disbursements. The FY 2004 Advertised Budget Plan paydown program of \$20.06 million represents 0.80 percent of General Fund disbursements.



This graph depicts the level of paydown funding between FY 1994 and FY 2004. In FY 1994, the paydown funding was extremely low compared to previous years. Beginning in FY 1995, annual paydown funding increased slightly, but only the most pressing requirements were addressed. Since FY 2000, the paydown program has been enhanced by the application of State revenue funds; however, FY 2004 paydown funding has been limited to the most critical priority projects.

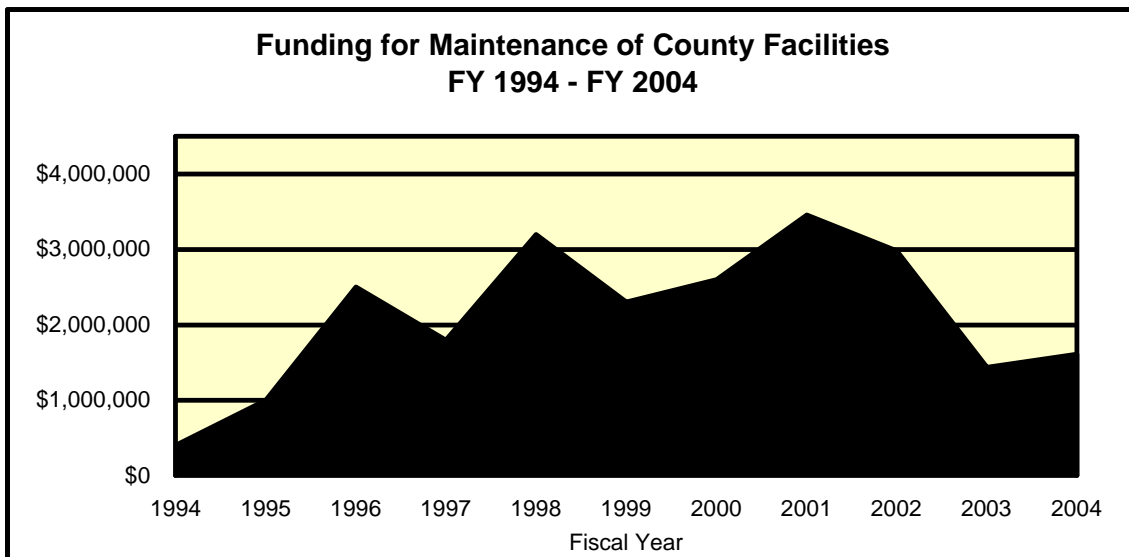
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## *County Maintenance Projects*

FY 2004 funding in the amount of \$1,610,000 has been included for County maintenance. Capital maintenance includes the annual work necessary to ensure that capital investment does not deteriorate and remains in a usable state. As with any maintenance program, sufficient attention is required to avoid increased project costs in the future. As long-term maintenance and renovation costs are difficult to project, they are not included in the initial costs of capital projects; however, they are essential to the service life and level of service provided by a facility. Continued funding of maintenance requirements is included in the County's Paydown Program to protect and extend the life of County facilities. County requirements are generated through scheduled preventative maintenance or from user requests for facility alterations. The County has conducted a comprehensive facilities assessment to identify all infrastructure maintenance requirements, and it is anticipated that future routine maintenance requirements will be driven by the results of this assessment. Specific funding levels in FY 2004 include:

- ◆ An amount of \$1,230,000 will continue to provide general maintenance funds to address priority projects at County facilities. Funded general maintenance projects include countywide emergency carpet replacement and carpet replacement at the Massey building (\$200,000), HVAC/electrical replacement (\$350,000), roof repair and waterproofing (\$180,000), parking lot resurfacing (\$100,000), and fire alarm replacement (\$200,000). In addition, the County maintenance budget includes funding for miscellaneous building repairs or ongoing requirements throughout the fiscal year (\$200,000). These miscellaneous requirements include but are not limited to vandalism repairs, plumbing repairs, painting, and other emergency repairs.
- ◆ The annual generator replacement program has been funded in FY 2004 in the amount of \$80,000. This program provides a funding mechanism to replace generators in the fiscal years in which the generator reaches its useful life of 25 years. FY 2004 funding provides for the replacement of the generator at Oakton Fire Station.
- ◆ Funding to continue the implementation of ADA compliance at County facilities has also been included in FY 2004. An amount of \$300,000 will address modifications to the Government Center Forum and Board Room (\$150,000) and Phase II of this initiative, which includes curb ramp modifications throughout the County (\$150,000).

The following chart depicts County maintenance funding between FY 1994 and FY 2004, including roof repairs, HVAC replacement, carpet replacement, parking lot resurfacing, fire alarm system replacements, generator replacement, and miscellaneous building repairs.



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## ***Park Maintenance Projects***

FY 2004 funding in the amount of \$1,729,000 has been included for Park maintenance. The Park facilities maintained with General Fund monies include but are not limited to field houses, boat houses, pump houses, maintenance facilities, sheds, shelters, and office buildings. Park priorities are based on the assessment of current repair needs, including safety and health issues, facility protection, facility renewal, and improved services. In addition, Park maintenance requirements are generated through scheduled preventative maintenance or from user requests for facility alterations. Specific funding levels in FY 2004 include:

- ◆ An amount of \$505,000 for general park maintenance at non-revenue supported Park facilities. These maintenance requirements include major non-recurring repairs/replacements and improvements to roofs, electrical and lighting systems, security and fire alarms, sprinklers, and HVAC equipment. Of this amount, \$80,000 is included for critical emergency repairs identified throughout the fiscal year, and \$425,000 is dedicated for specific major facility maintenance repairs.
- ◆ An amount of \$700,000 to support annual requirements for Parks grounds maintenance at non-revenue supported parks. Grounds maintenance includes the upkeep of sidewalks, parking lots, bridges, recreation and irrigation equipment, picnic equipment, tennis courts, and trails at County parks.
- ◆ An amount of \$470,000 for minor routine preventive maintenance of non-revenue supported Park Authority structures. These repairs include the replacement of broken windows and doors, equipment repairs, and the scheduled inspection of HVAC, security, and fire alarm systems.
- ◆ An amount of \$54,000 to continue the implementation of ADA compliance at Park facilities has been included in FY 2004. Park facilities continue to be modified on a priority basis.

## ***Athletic Field Maintenance Projects***

FY 2004 funding in the amount of \$6,022,813 has been included for athletic field maintenance. In recent years, athletic field maintenance has been identified as a critical need. An effort has been made to provide continuous maintenance to retain quality athletic fields at acceptable standards and improve safety for users. Maintenance of athletic fields includes field lighting, fencing, irrigation, dugout covers, infield dirt, aerification, and seeding. These maintenance efforts will improve safety standards, improve playing conditions, and increase user satisfaction. Specific funding levels in FY 2004 include:

- ◆ Funding in the amount of \$5,522,813 to consolidate athletic field maintenance efforts and improve the quality of all athletic fields managed by the Park Authority. Effective July 1, 2003, an athletic field user fee will be charged to groups who apply for field space on fields scheduled through the Department of Community and Recreational Services and maintained by the Fairfax County Park Authority. These fees, consistent with field use charges in neighboring jurisdictions within the DC Metro area, will be used to help offset annual maintenance costs including turf management (aeration, overseeding, mowing), repair and maintenance of lights and irrigation systems, as well as installation and repair of fencing. The annual cost for athletic field maintenance to Park Authority and Fairfax County Public School (FCPS) fields is approximately \$5.52 million. Additional General Fund monies in the amount of \$2,007,280 have been provided in FY 2004 to help meet maintenance requirements for both Park Authority and FCPS athletic fields. Revenue from athletic field user groups is estimated to be approximately \$3.30 million annually, thereby partially offsetting maintenance costs by approximately 60 percent. This new strategy is designed to provide a consistent maintenance standard for all athletic fields, improving the overall condition of Park Authority athletic fields and dramatically improving the condition of FCPS athletic fields at elementary and middle schools through the provision of annual field preparation and routine weekly maintenance

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formerly performed only on Park Authority fields. It will also provide the funding necessary to maintain lighting, irrigation systems, fencing and other field amenities that have been recently installed to improve field conditions and availability. This strategy will assure safe and playable conditions and will protect the public investment in the fields. In addition, this initiative will consolidate all athletic field maintenance activities and will increase the number of fields available for use. Six additional positions have been approved to address the increased workload necessary to sustain the increase in athletic field maintenance levels. Staff from the Department of Community and Recreation Services and the Fairfax County Park Authority will work with the Fairfax County Athletic Council to develop a fee structure to recover the estimated \$3.30 million in off-setting revenue.

- ◆ An amount of \$100,000 has been included to continue the installation of Fairfax County Public Schools boys' baseball field lighting systems used by many County organizations. FY 2004 funding provides for baseball field light installations at Lake Braddock Secondary and Herndon High School. This effort is being coordinated by the Department of Community and Recreation Services.
- ◆ An amount of \$100,000 has been included to continue installing lights on Fairfax County Public Schools athletic fields used for girls' softball. Staff from the Department of Community and Recreation Services continue to work with representatives from Fairfax Athletic Inequities Reform (FAIR) and coordinate with the Fairfax County Public Schools and the Fairfax County Park Authority to identify, prioritize, and develop proposed plans for addressing girls' softball field lighting requirements. FY 2004 funding provides for softball field lighting installation at Whitman Middle School, which was deferred in FY 2003 due to emergency improvements at Carson Middle School. This effort is being coordinated by the Department of Community and Recreation Services.
- ◆ Funding of \$300,000 is included for the Fairfax County Public Schools Field Maintenance Matching Program. Established on July 1, 1999, these funds will be used to improve school fields currently underutilized or not utilized for community game play. The program will provide funding to improve field conditions (grading, topsoil, seeding/sodding, goalmouth repair, and irrigation) to game quality. Organizations will be required to provide a 50 percent match of funds for requested playing field improvements. Project funds will be restricted to only those improvements that upgrade fields from practice to game designated fields, that develop new game fields, or that are necessary to ensure the safety of players. Amenities such as bleachers, batting cages, perimeter fencing, benches, and dugouts are not considered within this program.

## ***Trails and Sidewalks***

Funding in the amount of \$375,000 is included in FY 2004 for the following trail and sidewalk repair and maintenance initiatives:

- ◆ An amount of \$75,000 for safety upgrades and emergency maintenance of existing trails to public standards. Several older trails do not meet current standards which have been designed to alleviate safety problems, including incorrect grades, steep slopes, or obstructions (i.e., power poles or trees that are located too close to the trail). The County is currently responsible for maintaining approximately 550 miles of walkways.
- ◆ An amount of \$300,000 for the Virginia Department of Transportation (VDOT) participation project for sidewalk repair and replacement. VDOT conducts repair and replacement of County maintained sidewalks and is reimbursed by the County, subject to an agreement approved by the Board of Supervisors. County costs are minimized based on the ability to implement multiple VDOT sidewalk construction contracts.

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## ***Storm Drainage***

Funding in the amount of \$2,220,000 is included for the storm drainage maintenance and emergency repairs throughout the County. Specific funding levels in FY 2004 include:

- ◆ An amount of \$1,700,000 for the Virginia Pollutant Discharge Elimination System (VPDES) Municipal Separate Storm Sewer System (MS4) discharge permit. This permit is required as part of the Clean Water Act amendments of 1987. The MS4 discharge permit is considered a renewal of the National Pollutant Discharge Elimination System (NPDES) permit, and will be valid for five years. In accordance with the permit renewal effective January 24, 2002, activities will include water quality testing, watershed master planning, improvement programs, and development of the GIS-based storm sewer system inventory.
- ◆ An amount of \$95,000 to address emergency drainage problems throughout the County. Engineering studies and construction will alleviate flooding problems of a recurring or emergency nature, which, due to their urgent nature, cannot be identified in advance.
- ◆ An amount of \$125,000 to support the Kingstowne Environmental Monitoring program, which was established by the Board of Supervisors in June 1985 and is intended to continue until completion of the Kingstowne Development. During FY 2002 the program was expanded to include the water quality monitoring requirements required by the U.S. Army Corps of Engineers for the development of the South Van Dorn Street extension.
- ◆ An amount of \$200,000 to conduct inspections, monitor, and repair dams and emergency spillways. This level of funding provides for required inspections at five County-owned dams, internal monitoring of drainage problems with dam embankments, and initiation of subsurface investigations.
- ◆ An amount of \$100,000 for the Perennial Streams Mapping Program, an effort to develop a base map of all stream channels in Fairfax County. The result will be a reliable map source depicting the stream network that distinguishes between perennial and intermittent streams, which will also be included in the County's Geographic Information System.

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## *New and Renovated County Facilities*

Funding in the amount of \$3,892,622 is included in FY 2004 for new or renovated facilities throughout the County. Almost every new capital improvement entails ongoing expenses for routine operation, repairs, and maintenance. As they age, County facilities and equipment that were once considered state-of-the-art will require rehabilitation, renovation, or upgrading for new uses, safety, and structural improvements. Older facilities usually involve higher maintenance and repair costs as well. Specific funding levels in FY 2004 include:

- ◆ An amount of \$50,000 for critical replacement of wiring and electrical requirements at the Data Center. The Data Center is the operational heart of the County's electronic business network and houses essential components of the technical infrastructure, including mainframe computers, mid-range servers, enterprise servers, desktop servers, data storage devices, enterprise printers, data communications servers, and related equipment.
- ◆ An amount of \$500,000 to help offset increased construction costs associated with the West County Recreation Center. This 65,824-square-foot facility will include a 25 meter by 25 yard competitive swimming pool, leisure pool, whirlpool, weight training and fitness areas, multi-purpose rooms, and administrative and support service areas. The current cost estimates have increased from \$15,000,000 to \$18,527,000. An amount of \$2,527,000 has been identified in Park Authority bonds to partially offset this cost increase. The remaining balance of \$1,000,000 is to be provided by the General Fund. An amount of \$500,000 was approved in FY 2003, and FY 2004 funding of \$500,000 is included to complete the General Fund commitment.
- ◆ An amount of \$1,000,000 to provide for the acquisition of land or open space preservation for future County facilities and capital projects.
- ◆ An amount of \$2,142,622 to address property management and development at the Laurel Hill property. Laurel Hill was transferred to the County by the Federal Government during 2002. The property includes approximately 2,340 acres of land and 1.48 million square feet of building space within 367 buildings, of which 136 have been determined to have historic significance. FY 2004 funding will continue to address the needs at this site, including master planning, a security/maintenance contract, structural maintenance and utilities at existing buildings, custodial, planning, and engineering positions, maintenance at four interim athletic fields, and demolition of unserviceable buildings. Additionally, funding will provide for master planning and engineering studies related to future building uses and design issues.
- ◆ An amount of \$200,000 to begin compliance of the Health Insurance Portability and Accountability Act (HIPAA), passed by Congress in 1996. HIPAA requires countywide compliance with electronic transmission, privacy, disclosure, security and storage regulations with respect to employee and customer health information to protect the privacy of individually identifiable information. Compliance requirements may affect business practices, staffing allocations, facility reconfiguration, awareness training, and technology.



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## ***Roads/Developer Defaults/Survey and Mapping***

FY 2004 funding of \$295,000 is included to support the following County road programs, developer defaults and mapping:

- ◆ FY 2004 funding has been included to support the Road Viewer (\$50,000) and Road Maintenance (\$50,000) projects. The Road Viewer Program provides for the upgrading of County roads for acceptance into the State Secondary System. Once the roads are accepted into the State system, ongoing maintenance costs are provided by the State, and County funds are no longer required. For those roads which are not currently included in the State Secondary System, annual funding is provided for maintenance to ensure the safe operation of vehicles on these travelways.
- ◆ An amount of \$100,000 for construction of outstanding developer default projects identified throughout the fiscal year. This program is necessitated by economic conditions surrounding the construction industry which result in some developers not completing required public facilities, including acceptance of roads by the State, walkways, and storm drainage improvements. General Fund support of the program is necessary due to the time required between the construction of the improvements and the recovery of the bonds through legal action or when the developer default revenue is not sufficient to fund the entire cost of the project.
- ◆ An amount of \$95,000 for the maintenance and establishment of geodetic survey control points for the GIS system. Monumentation is placed on the ground for the use of both the private and public sector for surveying and mapping control. More than 1,400 survey monuments have been established in the County, however it is estimated that more than one third of these no longer exist as a result of construction activities, erosion, and vandalism.

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## ***Payments and Obligations***

FY 2004 funding in the amount of \$2,311,382 has been included for costs related to annual contributions and contractual obligations.

- ◆ Funding of \$1,021,702 is included to provide for the second year of a five-year lease-purchase agreement associated with systems furniture for the South County Center. The lease will provide office furniture for work stations, conference rooms, waiting areas, and offices. On February 11, 2000, the Board of Supervisors entered into a Master Sales and Development Agreement with Madison Development Partners to construct an office building for lease to Fairfax County. This 159,000-square-foot facility includes a senior center, an expanded teen center, an employment center, office space for County staff, community meeting rooms, and an e-government center.
- ◆ Funding of \$500,000 is included for the County's annual contribution to offset school operating and overhead costs associated with new SACC Centers.
- ◆ Funding of \$789,680 is included for Fairfax County's contribution to the Northern Virginia Community College (NVCC). Funding provides for the continued construction and maintenance of various capital projects on college campuses within the NVCC system. The funding formula for determining the annual contribution level has been revised based on the capital requirements of NVCC over the next six years. The FY 2004 funding level reflects \$0.80 per capita based on the Weldon Cooper Center population figure of 987,100. A phased approach has been recommended to increase funding by \$0.10 per capita per year until FY 2006 when the County's contribution equals \$1.00 per capita.

## ***Revitalization Initiatives***

- ◆ Funding of \$1,600,000 is included for revitalization efforts in identified areas throughout the County. This initiative includes Commercial Revitalization projects (\$665,000) to be approved by the Board of Supervisors in the context of the Capital Improvement Program (CIP) and/or other planning discussions of priorities. In addition, funding of \$935,000 has been provided for specific commercial revitalization efforts, including: Baileys Crossroads/Seven Corners, Annandale, Richmond Highway, Lake Anne, Merrifield, Springfield, and McLean, as well as Commercial Revitalization program costs.

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## FY 2004 PAYDOWN PROJECTS

Project	FY 2004 Advertised
<b>County Maintenance Projects</b>	
(003099) Miscellaneous Building Repair	\$200,000
(003100) Fire Alarm System Replacements	200,000
(009132) Roof Repairs and Waterproofing	180,000
(009133) Carpet Replacement	100,000
(009136) Parking Lot Resurfacing	100,000
(009151) HVAC/Electrical Systems	350,000
(009406) ADA Compliance - Countywide	300,000
(009431) Emergency Generator Replacement	80,000
(009449) Massey Building - Carpet Replacement	100,000
<b>Subtotal</b>	<b>\$1,610,000</b>
<b>Park Authority Maintenance Projects</b>	
(009416) ADA Compliance - Park Authority	\$54,000
(009417) Park Authority - General Maintenance	505,000
(009442) Park Authority - Ground Maintenance	700,000
(009443) Park Authority - Facility Maintenance	470,000
<b>Subtotal</b>	<b>\$1,729,000</b>
<b>Athletic Field Maintenance Projects</b>	
(004999) Athletic Field Lighting	\$100,000
(005000) Softball Field Lighting	100,000
(005004) FCPS Athletic Field Maintenance Matching Program	300,000
(005009) Athletic Field Maintenance	5,522,813
<b>Subtotal</b>	<b>\$6,022,813</b>
<b>Trails and Sidewalks</b>	
(002200) Upgrading of Existing Trails	\$75,000
(X00407) VDOT Sidewalk Repair/Replacement	300,000
<b>Subtotal</b>	<b>\$375,000</b>
<b>Storm Drainage</b>	
(A00002) Emergency Watershed Improvements	\$95,000
(L00034) Kingstowne Environmental Monitoring	125,000
(N00096) Dam Repairs	200,000
(Z00021) Perennial Stream Mapping	100,000
(Z00022) Municipal Separate Storm Sewer System	1,700,000
<b>Subtotal</b>	<b>\$2,220,000</b>
<b>New and Renovated Facilities</b>	
(001035) Data Center Reconfigurations	\$50,000
(009400) Land Acquisition Reserve	1,000,000
(009444) Laurel Hill Development	2,142,622
(009453) West County Recreation Center	500,000
(009459) HIPAA Compliance	200,000
<b>Subtotal</b>	<b>\$3,892,622</b>

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### Developer Defaults/Roads

(U00005)	Secondary Monumentation	\$95,000
(U00006)	Developer Default	100,000
(V00000)	Road Viewer Program	50,000
(V00001)	Road Maintenance Program	50,000

<b>Subtotal</b>		<b>\$295,000</b>
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### Obligations and Payments

(007012)	School-Aged Child Care (SACC)	\$500,000
(008043)	Northern Virginia Community College	789,680
(009425)	South County Center	1,021,702

<b>Subtotal</b>		<b>\$2,311,382</b>
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### Revitalization Initiatives

(003923)	Undesignated	\$665,000
(014010)	Commercial Revitalization	190,000
(014104)	Revitalization Program Costs	745,000

<b>Subtotal</b>		<b>\$1,600,000</b>
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<b>TOTAL PAYDOWN PROGRAM</b>		<b>\$20,055,817</b>
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## Capital General Obligation Bond Program

The Board of Supervisors annually reviews cash requirements for capital projects financed by General Obligation bonds to determine the ongoing schedule for construction of currently funded projects as well as those capital projects in the early planning stages. The bond capital program is reviewed annually by the Board of Supervisors in association with the Capital Improvement Program (CIP), and revisions are made to cashflow estimates and appropriation levels if necessary. The CIP is designed to balance the need for public facilities as expressed by the Countywide land use plan with the fiscal capability of the County to meet those needs. The CIP serves as a general planning guide for the construction of general purpose, school, and public utility facilities in the County. The County's ability to support the CIP is entirely dependent upon and linked to the operating budget. The size of the bond program in particular is linked to the approved General Fund disbursement level.

The Virginia Constitution requires that long-term debt pledged by the full faith and credit of the County can only be approved by voter referendum. There is no statutory limit on the amount of debt the voters can approve. It is the County's own policy to manage debt within the guidelines identified in the *Ten Principles of Sound Financial Management*. The *Ten Principles* specifically indicate that debt service expenditures as a percentage of General Fund disbursements should remain under 10 percent and that the percentage of debt to estimated market value of assessed property should remain under 3 percent. The County continues to maintain these debt ratios with debt service requirements as a percentage of General Fund disbursements at 8.30 percent, and net debt as a percentage of market value at 1.45 percent as of June 30, 2002.

Continual monitoring and adjustments to the County's Capital Improvement Program have been necessary, as economic conditions have changed. The FY 2004 - 2008 Capital Improvement Program (With Future Years to 2013) will be released concurrently with the FY 2004 budget. FY 2004 is the fifth consecutive year that the Board of Supervisors authorized \$130 million in bond sales for School Construction. It should be noted that the operating budget is directly affected by the approval of the capital budget and its capital project components. The operating budget must absorb the debt service costs of all bond issues related to the capital budget, as well as the operating and maintenance costs for each facility and improvement.

In FY 2004, an amount of \$181,140,532 is included in General Obligation bond funding. Of this amount, \$130,000,000 is budgeted in Fund 390, Public School Construction, and \$2,919,980 has been included in Fund 309, Metro Operations and Construction, to support the 103-mile Metrorail System, as well as maintain and/or acquire facilities, equipment, railcars and buses. In addition, FY 2004 bond funding in the amount of \$48,220,552 has been included for the County contribution to the Northern Virginia Regional Park Authority (\$2,250,000), design costs associated with the West Ox CONNECTOR Bus Facility (\$1,000,000), the remaining authorized bonds associated with the expansion of the Jennings Judicial Center (\$34,970,552), and land acquisition within the Park Authority bond program as approved by the voters in November 2002 (\$10,000,000). Funding for these bond projects is consistent with the FY 2004 - 2008 Capital Improvement Program (With Future Years to 2013).

## Wastewater Management System

The Fairfax County Wastewater Management Program is operated, maintained, and managed within the Department of Public Works and Environmental Services, and includes one County-owned wastewater treatment plant with a total treatment capacity of 54 million gallons per day (MGD), approximately 3,135 miles of sewer lines, 61 pumping stations, and 51 metering stations, covering approximately 234 square miles of the County's 407 square mile land and water area. In addition to the County-owned treatment plant the system owns, by agreement, purchase capacity in the Alexandria Sanitation Authority Plant, the Upper Occoquan Sewage Authority Plant, the District of Columbia Blue Plains Plant, and the Arlington County Plant, for a total treatment capacity of 161.1 MGD.

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An amount of \$31,534,000 is funded in FY 2004 to provide for the County's share of design and construction costs for several pump station renovations, the upgrade costs for the DC Blue Plains Treatment Plant, the Arlington Treatment Plant, and the Alexandria Treatment Plant to comply with Virginia Water Control Board regulations, recurring repair and replacement of aging County sewer lines, the upgrade of existing sewer meters throughout the County, the replacement of the 20-year-old force main at Dogue Creek, and the purchase of as-built sewer plans for line segments not previously identified.

## Other Financing

Capital projects supported by other financing include \$1,302,795 in Federal Aid and \$104,080,321 in other sources. Federal Aid represents funding to support the HOME Investment Partnership Grant Program. Capital projects financed by other funding mechanisms include: developer contributions for road improvements throughout the County, housing trust fund revenues, refuse disposal revenues, FCPS Parent Teachers Association contributions and other sources of funds.

## Capital Construction and Operating Expenditure Interaction

To maintain a balanced budget, annual revenues are projected and operating and capital construction expenditures are identified to determine the County's overall requirements and funding availability. Funding levels for capital construction projects are based on the merits of a particular project together with the available funding from all financing sources, with primary reliance on General Obligation bonds. The Board of Supervisors annually reviews cash requirements for capital project financing. The County's capital program has a direct impact on the operating budget, particularly in association with the establishment and opening of new facilities. The Board of Supervisors continues to be cognizant of the effect of the completion of capital projects on the County's operating budget. The FY 2004 operating cost estimates associated with the completion of capital projects have been included in the County's operating budget.

In the FY 2004 / FY 2005 time frame, the expansion and renovation of several facilities will be completed which will directly impact the County's operating budget. The following list represents major new facilities which will open during FY 2004 and beyond. Operating expenditures are estimated based on projected opening dates. Additional information regarding the expenditures necessary to support these expanded facilities can be found in specific agency budget narratives.

### New or Renovated County Facilities

Facility	Fiscal Year Completion	Additional Positions	Estimated Net Operating Costs
<b>FY 2004 New/Expanded Facilities</b>			
SACC Centers	FY 2004	33/27.68 SYE	\$514,581
Elementary Schools (Clinic Room Aides and Public Health Nurse)	FY 2004	7/5.53 SYE	355,754
Little River Glen Adult Day Health Care Center	FY 2004	1/1.0 SYE	69,137
James Lee Community Center (3 months salary and start-up costs)	FY 2004	6/6.0 SYE	625,427
Burke Lake Miniature Golf Course (Non-General Fund Positions) Revenues are projected to exceed expenditures.	FY 2004	1/1.0 SYE	(73,534)

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Facility	Fiscal Year Completion	Additional Positions	Estimated Net Operating Costs
Skate Park at Wakefield RECenter (Non-General Fund Positions)	FY 2004	1/1.0 SYE	\$13,774
West County RECenter Start-Up Costs (Non-General Fund Positions)	FY 2004	14/14.0 SYE	314,411
Phased funding of Fire Station Operations and Equipment	FY 2004	15/15.0 SYE	3,895,626
<b>Total FY 2004 Costs</b>		<b>76/69.21 SYE</b>	<b>\$5,715,176</b>
<b>FY 2005 New/Expanded Facilities</b>			
James Lee Community Center (Full Year Funding)	FY 2005	0/0.0 SYE	\$629,170
Herndon Harbor House Senior Center	FY 2005	5/5.0 SYE	237,869
West County RECenter (Full Year Funding)	FY 2005	0/0.0 SYE	326,000
Crosspointe Fire Station <sup>1</sup>	FY 2005	TBD	TBD
Fairfax Center Fire Station <sup>1</sup>	FY 2005	TBD	TBD
Forensics Facility	FY 2005	TBD	TBD
Reston Town Center Transit Center	FY 2005	0/0.0 SYE	TBD
West Ox DVS Garage	FY 2005	TBD	TBD
<b>Total FY 2005 Costs</b>		<b>5/5.0 SYE</b>	<b>\$1,193,039</b>
<b>FY 2006 and Beyond</b>			
Burke Community Library	FY 2006	TBD	TBD
Oakton Community Library	FY 2006	TBD	TBD
Kingstowne Library	FY 2006	TBD	TBD
Library Renovations	FY 2006	TBD	TBD
Public Safety Operations Center	FY 2006	TBD	TBD
West Ox Bus Operations Center (Vienna Feeder Bus)	FY 2006 / FY 2007	TBD	TBD
Wolf Trap Fire Station	FY 2008	TBD	TBD
Judicial Center Expansion	FY 2008	TBD	TBD
<b>Total FY 2006 and Beyond Costs</b>		<b>TBD</b>	<b>TBD</b>

<sup>1</sup> It should be noted that funding of \$3,895,626 and 15/15.0 SYE positions has been included in FY 2004 as part of a phased-in approach to staffing and equipping these fire stations.

Personnel services, operating costs, and capital equipment costs incurred by a County agency while performing work on a capital project are charged as Recovered Costs to the project where applicable. The majority of capital projects in the County are administered by various agencies within the Department of Public Works and Environmental Services. These agencies include the Project Engineering Division, Office of Capital Facilities, Planning and Design Division, Stormwater Management Division, the Land Acquisition Division, the Office of Waste Management, and the Facilities Management Division. Other County operating agencies which administer capital projects include the Fairfax County Park Authority and the Department of Housing and Community Development.

# CAPITAL PROJECTS OVERVIEW

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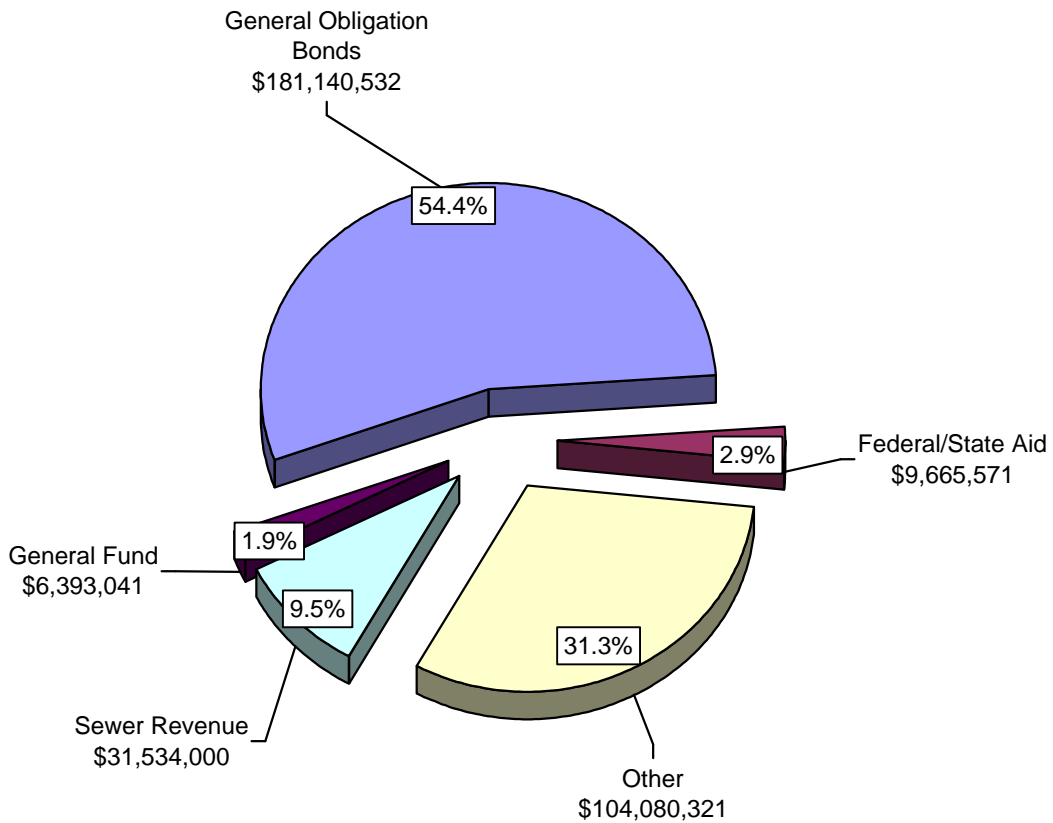
## **Summary of FY 2004 Capital Construction Program**

Major segments of the County's FY 2004 Capital Construction Program are presented in the charts that follow. Several pie charts have been included to visually demonstrate the FY 2004 funding sources for capital expenditures. Capital construction expenditures by fund are shown in the Summary Schedule of FY 2004 Funded Capital Projects. In addition, details of all projects funded in FY 2004 have been included in this section. For an individual detailed description of each capital construction fund, see the Capital Project Funds section of the Capital Construction and Other Operating Funds Volume. Detailed information concerning capital projects in Fund 390, Public School Construction, can be found in the FY 2004 Superintendent's Proposed Budget.



# CAPITAL PROJECTS OVERVIEW

## CAPITAL CONSTRUCTION PROJECTS FY 2004 SOURCE OF FUNDS

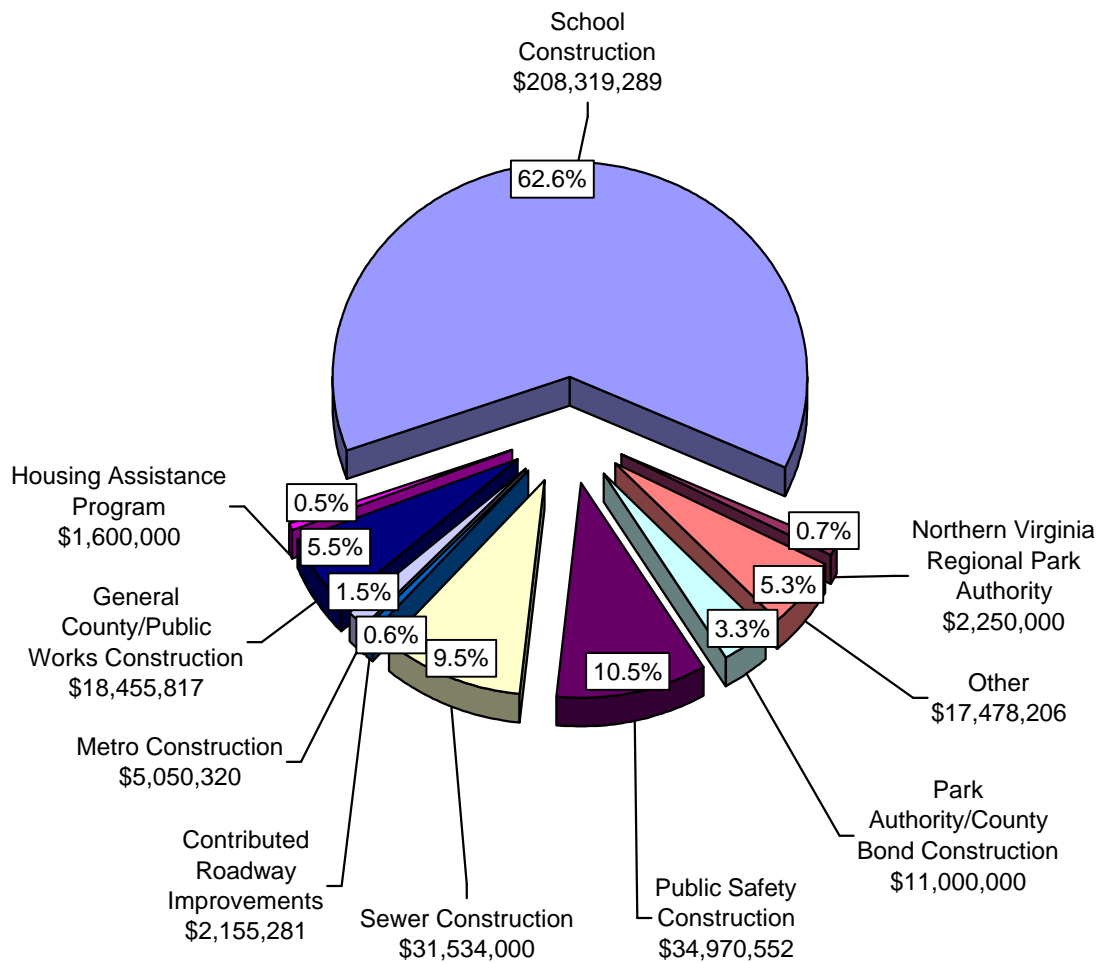


**TOTAL = \$332,813,465**

NOTE: This chart does not include debt service funding.

# CAPITAL PROJECTS OVERVIEW

## CAPITAL CONSTRUCTION PROJECTS FY 2004 EXPENDITURES

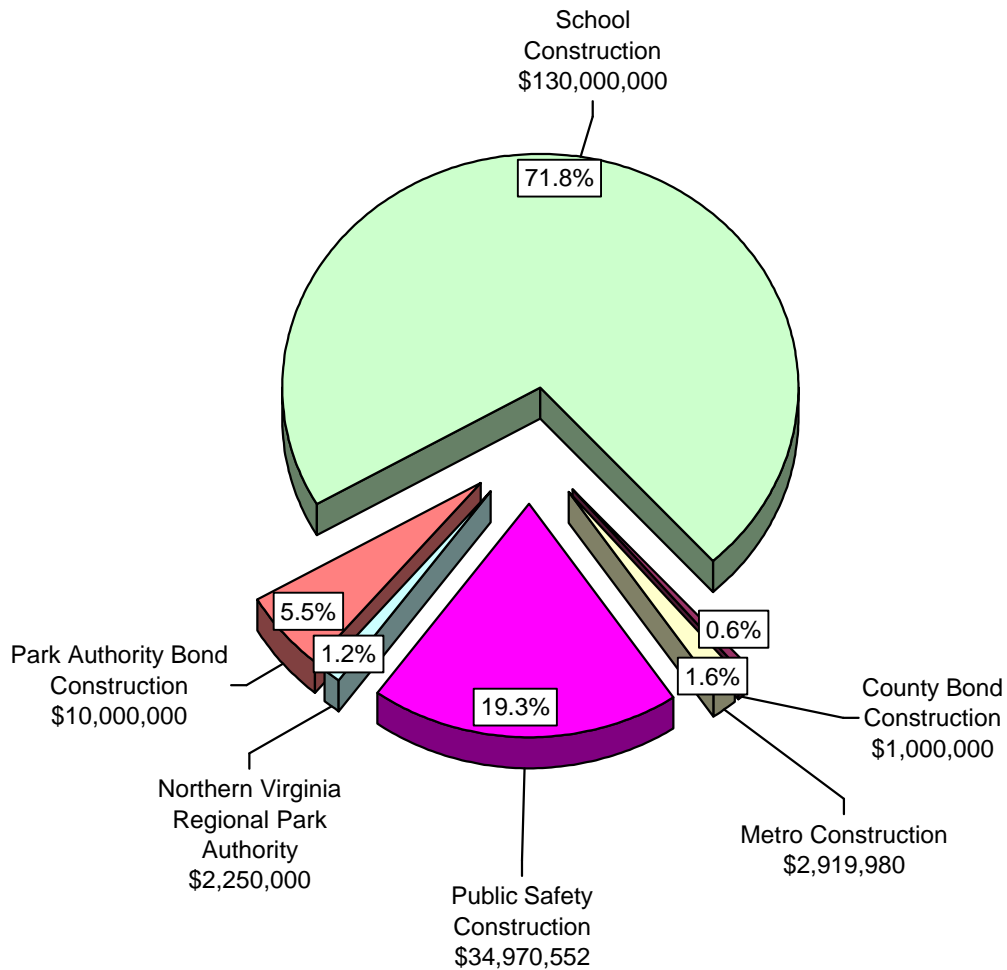


**TOTAL = \$332,813,465**

NOTE: This chart does not include debt service funding.

# CAPITAL PROJECTS OVERVIEW

## GENERAL OBLIGATION BOND FINANCED CAPITAL PROJECTS FY 2004 EXPENDITURES



**TOTAL = \$181,140,532**

**SUMMARY SCHEDULE OF FY 2004  
FUNDED CAPITAL PROJECTS**

Fund/Title	EXPENDITURES				FY 2004 FINANCING			
	FY 2002 Actual	FY 2003 Adopted Budget Plan	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	General Obligation Bonds <sup>1</sup>	General Fund	Federal/ State Aid	Other <sup>2</sup>
SPECIAL REVENUE FUNDS <sup>3</sup>								
109 Refuse Collection	\$57,957	\$0	\$372,582	\$0	\$0	\$0	\$0	\$0
110 Refuse Disposal	48,453	0	1,467,553	0	0	0	0	0
113 McLean Community Center	131,617	35,000	297,724	245,000	0	0	0	245,000
114 I-95 Refuse Disposal	248,576	0	24,370,634	14,929,000	0	0	0	14,929,000
144 Housing Trust Fund	1,467,171	966,843	13,129,618	1,001,411	0	0	0	1,001,411
145 HOME Investment Partnership Grant	956,704	1,333,370	4,247,106	1,302,795	0	0	1,302,795	0
Subtotal	\$2,910,478	\$2,335,213	\$43,885,217	\$17,478,206	\$0	\$0	\$1,302,795	\$16,175,411
DEBT SERVICE FUNDS								
200 County Debt Service	\$96,388,637	\$100,462,441	\$104,859,400	\$100,093,383	\$0	\$99,096,864	\$0	\$996,519
201 School Debt Service	105,439,718	113,847,918	118,645,176	121,096,733	0	120,896,733	0	200,000
Subtotal	\$201,828,355	\$214,310,359	\$223,504,576	\$221,190,116	\$0	\$219,993,597	\$0	\$1,196,519
CAPITAL PROJECTS FUNDS								
300 Countywide Roadway Improvement Fund	\$637,943	\$0	\$1,777,934	\$0	\$0	\$0	\$0	\$0
301 Contributed Roadway Improvements	7,894,841	4,743,653	35,661,322	2,155,281	0	0	0	2,155,281
302 Library Construction	5,437,694	0	875,545	0	0	0	0	0
303 County Construction	16,512,276	11,104,717	28,539,073	15,565,817	0	4,793,041	5,472,776	5,300,000
304 Primary and Secondary Road Bond Construction	10,512,414	500,000	25,356,738	0	0	0	0	0
306 Northern Virginia Regional Park Authority	2,250,000	2,250,000	2,250,000	2,250,000	2,250,000	0	0	0
307 Sidewalk Construction	1,065,819	300,000	7,021,997	300,000	0	0	300,000	0
308 Public Works Construction	3,975,116	2,920,000	12,111,795	2,515,000	0	0	2,515,000	0
309 Metro Operations and Construction <sup>4</sup>	6,842,915	16,606,471	13,906,471	5,050,320	2,919,980	0	0	2,130,340
310 Storm Drainage Bond Construction	29,991	939,363	4,630,009	0	0	0	0	0
311 County Bond Construction	7,115,376	2,085,000	24,534,484	1,000,000	1,000,000	0	0	0
312 Public Safety Construction	29,764,413	9,305,338	79,375,547	34,970,552	34,970,552	0	0	0

# SUMMARY SCHEDULE OF FY 2004 FUNDED CAPITAL PROJECTS

Fund/Title	EXPENDITURES				FY 2004 FINANCING			
	FY 2002 Actual	FY 2003 Adopted Budget Plan	FY 2003 Revised Budget Plan	FY 2004 Advertised Budget Plan	General Obligation Bonds <sup>1</sup>	General Fund	Federal/ State Aid	Other <sup>2</sup>
313 Trail Construction	519,909	75,000	629,695	75,000	0	0	75,000	0
314 Neighborhood Improvement Program	593,668	0	2,491,987	0	0	0	0	0
315 Commercial Revitalization Program	1,345,555	0	13,699,709	0	0	0	0	0
316 Pro Rata Share Drainage Construction	1,486,722	135,000	23,200,083	0	0	0	0	0
340 Housing Assistance Program	5,715,982	1,600,000	15,205,904	1,600,000	0	1,600,000	0	0
341 Housing General Obligation Bond Construction	0	0	410,881	0	0	0	0	0
370 Park Authority Bond Construction	11,279,221	19,890,000	44,702,253	10,000,000	10,000,000	0	0	0
390 Public School Construction <sup>5</sup>	198,648,252	153,476,261	382,249,196	208,319,289	130,000,000	0	0	78,319,289
Subtotal	\$311,628,107	\$225,930,803	\$718,630,623	\$283,801,259	\$181,140,532	\$6,393,041	\$8,362,776	\$87,904,910
ENTERPRISE FUNDS								
402 Sewer Bond Extension and Improvements	\$46,559,106	\$45,712,000	\$117,204,795	\$31,534,000	\$0	\$0	\$0	\$31,534,000
408 Sewer Bond Construction	17,518,424	0	44,107,544	0	0	0	0	0
Subtotal	\$64,077,530	\$45,712,000	\$161,312,339	\$31,534,000	\$0	\$0	\$0	\$31,534,000
TOTAL	\$580,444,470	\$488,288,375	\$1,147,332,755	\$554,003,581	\$181,140,532	\$226,386,638	\$9,665,571	\$136,810,840

<sup>1</sup> The sale of bonds is presented here for planning purposes. Actual bond sales are based on cash needs in accordance with Board policy.

<sup>2</sup> Other financing includes developer contributions and payments, sewer system revenues, transfers from other funds, pro rata deposits, miscellaneous revenues, and fund balances.

<sup>3</sup> Reflects the capital construction portion of total expenditures.

<sup>4</sup> Reflects capital construction portion of Metro expenditures net of State Aid.

<sup>5</sup> The Other category includes \$66.25 million in authorized but unissued bonds. This amount is included to support future contractual commitments.

**DETAILS: PAYDOWN PROGRAM  
(GENERAL FUND)**

Project Number	Project Name (District)	Total Project Estimate	FY 2004 Funded	Description
<b>Fund 303, County Construction</b>				
005009	Athletic Field Maintenance (Countywide)	Continuing	\$2,222,813	<p>FY 2004 funding in the amount of \$2,222,813 is included for the upgrade and maintenance of all athletic fields managed by the Park Authority. Effective July 1, 2003, an athletic field user fee will be charged to groups who apply for field space on fields scheduled through the Department of Community and Recreational Services and maintained by the Fairfax County Park Authority. These fees will be used to help offset annual maintenance costs including turf management (aeration, overseeding, mowing), repair and maintenance of lights and irrigation systems, as well as installation and repair of fencing. This new initiative is designed to provide a consistent maintenance standard for all athletic fields, improving the overall condition of Park Authority athletic fields and dramatically improving the condition of FCPS athletic fields at elementary and middle schools through the provision of annual field preparation and routine weekly maintenance formerly performed only on Park Authority fields.</p> <p>Ultimately, this strategy will assure safe and playable conditions and will protect the public investment in the fields. In addition, this initiative will consolidate all athletic field maintenance activities and will increase the number of fields available for use. In addition to General Fund support, an amount of \$3,300,000 is included to fund athletic field maintenance financed by other revenues for a total of \$5,522,813.</p>
007012	SACC Contribution (Countywide)	Continuing	500,000	<p>FY 2004 funding in the amount of \$500,000 is included for the annual County contribution to help offset operating and overhead costs associated with SACC centers. The construction and renovation costs for SACC centers are funded by the Fairfax County Public Schools through General Obligation Bonds for which debt service costs are provided by the County General Fund.</p>
009133	Carpet Replacement (Countywide)	Continuing	100,000	<p>FY 2004 funding in the amount of \$100,000 is included for countywide emergency carpet repairs.</p>

**DETAILS: PAYDOWN PROGRAM  
(GENERAL FUND)**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
009417	Parks - General Maintenance (Countywide)	Continuing	\$178,526	FY 2004 funding in the amount of \$178,526 is included for major maintenance and repairs at non-revenue producing Park facilities including electrical and lighting systems, security/fire alarms, sprinklers, and HVAC improvements. In addition, this project funds roof repairs and structural preservation of park historic sites. The facilities maintained include but are not limited to field houses, boathouses, pump houses, maintenance facility sheds, shelters, and office buildings. Priorities are based on an assessment of current repair needs associated with safety and health issues, facility protection, facility renewal, and improved services. In addition to General Fund support, an amount of \$326,474 is included to fund general park maintenance financed by State revenues for a total of \$505,000.
009425	South County Center (Lee)	6,727,010	21,702	FY 2004 funding in the amount of \$1,021,702 is included for the second year of a five-year lease-purchase agreement associated with systems furniture for the South County Government Center. The 159,000-square-foot Center will include a senior center, an expanded teen center, an employment center, office space for County staff, community meeting rooms, and an e-government center. In addition to General Fund support, an amount of \$1,000,000 is financed by other revenue for a total of \$1,021,702.
009442	Parks - Grounds Maintenance (Countywide)	Continuing	700,000	FY 2004 funding in the amount of \$700,000 is included for grounds maintenance at non-revenue producing countywide parks. Grounds maintenance includes the upkeep of sidewalks and parking lots, bridges, recreation and irrigation equipment, picnic equipment, tennis courts, and trails.
009443	Parks - Facility & Equipment Maintenance (Countywide)	Continuing	470,000	FY 2004 funding in the amount of \$470,000 is included for routine repairs of 218 non-revenue structures and over 175 pieces of equipment.
009449	Massey Building Renovations (City of Fairfax)	Continuing	100,000	FY 2004 funding in the amount of \$100,000 is included to continue carpet replacement at the Massey Building. The existing carpet is well beyond its expected service life and is in an advanced state of wear and deterioration.

**DETAILS: PAYDOWN PROGRAM  
(GENERAL FUND)**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
009453	West County Recreation Center (Sully)	\$1,000,000	\$500,000	FY 2004 funding in the amount of \$500,000 is included to help offset increased costs for the West County Recreation Center. This 65,824-square-foot facility will include a 25-meter by 25-yard competitive swimming pool, a leisure pool, whirlpool/spa, weight training and fitness areas, multi-purpose rooms, and administrative and support service areas. The total cost for this project has increased from \$15,000,000 in bond funds to \$18,527,000. Of the increase, an amount of \$2,527,000 in bonds from other projects has been identified by the Park Authority, and General Fund support totaling \$1,000,000 has been provided to help offset the total cost of the project.
<b>Total</b>		<b>\$7,727,010</b>	<b>\$4,793,041</b>	
<b>Fund 340, Housing Assistance Program</b>				
003923	Undesignated Project (Countywide)	Continuing	\$665,000	FY 2004 funding in the amount of \$665,000 is included for Commercial Revitalization projects to be approved by the Board of Supervisors in the context of the Capital Improvement Program (CIP) and/or other planning discussions of priorities. Projects include: Annandale Revitalization Area, Springfield Revitalization Area, Alexandria Revitalization Area, Bailey's Crossroads Revitalization Area, and Revitalization Field Services.
014010	Commercial Revitalization Studies (Countywide)	Continuing	190,000	FY 2004 funding in the amount of \$190,000 is included for the continuation of activities initiated in FY 2001, including contracted and/or part-time staffing that provides support as the Department of Housing and Community Development transitions from a primary emphasis on development projects to revitalization activities, marketing materials for countywide revitalization activities, consultant services, and training.
014104	Revitalization Program Costs (Countywide)	Continuing	745,000	FY 2004 funding in the amount of \$745,000 is included for staff and administrative costs associated with the continuation of previously approved revitalization projects and 3/3.0 SYE Merit Regular positions responsible for marketing and business activities associated with revitalization activities. The projects include Commerce Street Redevelopment, Kings Crossing Development, Springfield Town Center, Annandale Town Center, Bailey's Entrepreneurship Center, Merrifield Streetscape, and Mount Vernon Market Place.
<b>Total</b>		<b>\$0</b>	<b>\$1,600,000</b>	

**TOTAL PAYDOWN (GENERAL FUND)**

**\$6,393,041**



**DETAILS: PAYDOWN PROGRAM  
(HB599 AND OTHER FINANCING)**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
<b>Fund 303, County Construction</b>				
001035	Enterprise Technology Center Reconfigurations (Sully)	\$250,000	\$50,000	FY 2004 funding in the amount of \$50,000 is included for the critical replacement of wiring and electrical requirements at the Data Center. The Data Center is the operational heart of the County's electronic business network and houses essential components of the technical infrastructure, including mainframe computers, mid-range servers, enterprise servers, desktop servers, data storage devices, enterprise printers, data communications servers, and related equipment.
003099	Miscellaneous Building and Repair (Countywide)	Continuing	200,000	FY 2004 funding in the amount of \$200,000 is included for emergency repairs, minor renovations, and remodeling/upgrading of various buildings and facilities throughout the County. Projects include emergency repairs to buildings and building equipment, plumbing repairs, minor renovations to electrical and mechanical systems, structural repairs, vandalism correction, and other non-recurring construction and repair projects.
003100	Fire Alarm Systems (Countywide)	Continuing	200,000	FY 2004 funding in the amount of \$200,000 is included for the replacement of the fire alarm system at the Pennino Building which is experiencing frequent failure when tested. Fire alarm systems are replaced based on age and difficulty in obtaining replacement parts and service.
004999	Boys' Baseball Field Lighting (Countywide)	Continuing	100,000	FY 2004 funding in the amount of \$100,000 is included for the installation of boys' baseball field lighting systems at prioritized Fairfax County middle schools and high schools. FY 2004 funding will provide lighting at Lake Braddock Secondary and Herndon High School.
005000	Girls' Softball Field Lighting (Countywide)	Continuing	100,000	FY 2004 funding in the amount of \$100,000 is included for the installation of lights on Fairfax County Public Schools middle and high school athletic fields used for girls' softball. FY 2004 funding will provide lighting at Whitman Middle School, which was deferred in FY 2003 due to emergency improvements required at Carson Middle School.

**DETAILS: PAYDOWN PROGRAM  
(HB599 AND OTHER FINANCING)**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
005004	FCPS Athletic Field Maintenance & Improvements - Matched Funds (Countywide)	Continuing	\$300,000	FY 2004 funding in the amount of \$300,000 is included for the continuation of the matched field maintenance and improvement program at FCPS middle and elementary schools for fields predominately used by community groups. Organizations will be required to provide a 50 percent match in funds for requests, and project funds will be restricted to only those improvements that upgrade fields, develop new game fields, or improve player safety. Requests for amenities such as bleachers, batting cages, perimeter fencing, benches, and dugouts are not considered for this program.
008043	Northern Virginia Community College (Countywide)	Continuing	789,680	FY 2004 funding in the amount of \$789,680 is included for Fairfax County's annual contribution to the Northern Virginia Community College (NVCC). Funding provides for the continued construction and maintenance of various capital projects on college campuses within the NVCC system. The funding formula for determining the annual contribution level has been revised based on the capital requirements for NVCC over the next six years. A phased approach was implemented in FY 2003 to increase funding by \$0.10 per capita per year until FY 2006 when the County's contribution equals \$1.00 per capita. FY 2004 funding represents \$0.80 per capita using the Weldon Cooper Center population figure of 987,100.
009132	Roof Repairs and Waterproofing (Countywide)	Continuing	180,000	FY 2004 funding in the amount of \$180,000 is included for roof repairs at County facilities, including Penn Daw Fire Station (\$70,000), the Maintenance and Stormwater Management Blair Building (\$30,000), the Fire Training Center CPR and Exercise Buildings (\$30,000), and the United Community Ministries Building (\$50,000).
009136	Parking Lot Resurfacing (Countywide)	Continuing	100,000	FY 2004 funding in the amount of \$100,000 is included for emergency and annual pothole repairs at prioritized County facilities.
009151	HVAC/Electrical Systems (Countywide)	Continuing	350,000	FY 2004 funding in the amount of \$350,000 is included for HVAC replacement at the original County Jail facility, currently housed by Sheriff Administrative Staff (\$100,000), Pohick Library (\$150,000), and Fire Training Center (\$450,000) due to urgent, unforeseen problems at these facilities. It should be noted that FY 2003 funding of \$350,000 to replace the HVAC system at the Reston Human Services Center has been deferred in order to offset FY 2004 requirements. It is anticipated that the Reston Human Services Center HVAC system will be replaced in FY 2005.

**DETAILS: PAYDOWN PROGRAM  
(HB599 AND OTHER FINANCING)**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
009406	Countywide ADA Compliance (Countywide)	Continuing	\$300,000	FY 2004 funding in the amount of \$300,000 is included to continue curb ramp modifications identified throughout the County and required for ADA compliance (\$150,000), as well as modifications to the Government Center Forum and Board Auditorium (\$150,000).
009416	Parks - ADA Compliance (Countywide)	Continuing	54,000	FY funding in the amount of \$54,000 is included to continue Park Authority compliance with the Americans with Disabilities Act (ADA) of 1990. FY 2004 funding will continue modifications at Lake Fairfax Park.
009417	Parks - General Maintenance (Countywide)	Continuing	326,474	FY 2004 funding in the amount of \$326,474 is included for major maintenance and repairs at non-revenue producing Park facilities including electrical and lighting systems, security/fire alarms, sprinklers, and HVAC improvements. In addition, this project funds roof repairs and structural preservation of park historic sites. The facilities maintained include but are not limited to field houses, boathouses, pump houses, maintenance facility sheds, shelters, and office buildings. Priorities are based on an assessment of current repair needs associated with safety and health issues, facility protection, facility renewal, and improved services. In addition to State revenue support, an amount of \$178,526 is included to fund general park maintenance financed by the General Fund for a total of \$505,000.
009431	Generator Replacement Program (Countywide)	Continuing	80,000	FY 2004 funding in the amount of \$80,000 is included for the emergency generator replacement program. This program was established in to address the replacement of generators that have outlived their useful life. FY 2004 funding is included to replace generators at Merrifield Fire Station (\$50,000) and Oakton Fire Station (\$30,000).
009444	Laurel Hill (Lorton) Development (Mount Vernon)	4,642,622	2,142,622	FY 2004 funding in the amount of \$2,142,622 is included to continue to address the needs at the Laurel Hill (Lorton) site, including master planning, a security/maintenance contract, structural maintenance and utilities at existing buildings, custodial, planning, and engineering positions, maintenance at four interim athletic fields, and demolition of unserviceable buildings. Additionally, funding will provide for master planning and engineering studies related to future building uses and design issues.

**DETAILS: PAYDOWN PROGRAM  
(HB599 AND OTHER FINANCING)**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
009459	HIPAA Compliance (Countywide)	Continuing	\$200,000	FY 2004 funding in the amount of \$200,000 is included to begin to address County compliance with the Health Insurance Portability and Accountability Act (HIPAA), passed by Congress in 1996. HIPAA requires countywide compliance with electronic transmission, privacy, disclosure, security and storage regulations with respect to employee and customer health information to protect the privacy of individually identifiable information.
<b>Total</b>		<b>\$4,892,622</b>	<b>\$5,472,776</b>	
<b>Fund 307, Sidewalk Construction</b>				
X00407	Sidewalk Replacement / VDOT Participation (Countywide)	Continuing	\$300,000	FY 2004 funding in the amount of \$300,000 is included to continue the Sidewalk Replacement/VDOT Participation Program. This program allows for the repair and replacement of County sidewalks to be conducted by VDOT in concert with existing VDOT construction. The County then reimburses the State for the costs when repairs are complete. County costs are minimized based on VDOT's ability to implement multiple sidewalk construction contracts simultaneously.
<b>Total</b>		<b>\$0</b>	<b>\$300,000</b>	
<b>Fund 308, Public Works Construction</b>				
A00002	Emergency Watershed Improvements (Countywide)	Continuing	\$95,000	FY 2004 funding in the amount of \$95,000 is included for the correction of emergency drainage problems. Engineering studies and construction will alleviate flooding problems of a recurring or emergency nature, and due to their emergency nature cannot be identified in advance.
L00034	Kingstowne Environmental Monitoring (Lee)	Continuing	125,000	FY 2004 funding in the amount of \$125,000 is included to continue monitoring efforts in support of the Kingstowne Environmental Monitoring program, established by the Board of Supervisors in June 1985, to continue until completion of the Kingstowne Development. The program was expanded during FY 2002 to include the water quality monitoring requirements outlined by the U.S. Army Corps of Engineers for the development of the South Van Dorn Street extension. This requirement includes water quality monitoring for four years and inspection and maintenance for up to ten years.

**DETAILS: PAYDOWN PROGRAM  
(HB599 AND OTHER FINANCING)**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
N00096	Dam Repairs (Countywide)	Continuing	\$200,000	FY 2004 funding in the amount of \$200,000 is included for conducting inspections, monitoring, and repairing dams and emergency spillways. The Maintenance and Stormwater Management Division continues to identify failed dam embankments. There are currently 23 facilities which are experiencing some form of failure. This project also funds repair of failed detention pond enhancements. FY 2004 funding provides for conducting inspections, monitoring, and repairing dams and emergency spillways.
U00005	Secondary Monumentation (Countywide)	Continuing	95,000	FY 2004 funding in the amount of \$95,000 is included to support the maintenance and establishment of geodetic survey control points for the GIS system. Monumentation is placed on the ground for the use of both the private and public sector for surveying and mapping control. FY 2004 funding will continue to support the maintenance and upgrading of existing GIS control points.
U00006	Developer Defaults (Countywide)	Continuing	100,000	FY 2004 funding in the amount of \$100,000 is included for developer default projects that require General Fund monies throughout the fiscal year. The developer default program requires developers to provide a security deposit, either in the form of a bond or a letter of credit, to the County to ensure that public improvements in their developments are properly constructed. In the event that the developer fails to provide the improvements as required, the security is defaulted and the County takes over responsibility of making the improvement.
V00000	Road Viewer Program (Countywide)	Continuing	50,000	FY 2004 funding in the amount of \$50,000 is included to continue upgrading roads for acceptance into State Secondary Road System. Funding provides for survey, engineering, and road construction of projects in the Board of Road Viewers Program. Once improvements are funded and completed, the need for ongoing County maintenance work on the roadway is eliminated.
V00001	Road Maintenance Program (Countywide)	Continuing	50,000	FY 2004 funding in the amount of \$50,000 is included to continue road maintenance on Fairfax County roads not currently in the VDOT Secondary System. The goal of this program is to ensure the safe operation of motor vehicles by upgrading and maintaining existing County travel ways. The County will continue to provide maintenance on these roads until they are upgraded and accepted into the VDOT Secondary Road System. In some cases, however, the roadway can never qualify for VDOT acceptance due to physical constraints such as close proximity to a house. Therefore, a certain level of funding will always be necessary in this project.

**DETAILS: PAYDOWN PROGRAM  
(HB599 AND OTHER FINANCING)**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
Z00021	Perennial Stream Mapping (Countywide)	\$275,000	\$100,000	FY 2004 funding in the amount of \$100,000 is included for the continuation of the Stream Mapping Program initiative, an effort to develop a base map of all stream channels in Fairfax County. The result will be a reliable map source depicting the stream network that distinguishes between perennial and intermittent streams, which will also be included in the County's Geographic Information System.
Z00022	Municipal Separate Storm Sewer System (MS4) (Countywide)	2,805,724	1,700,000	FY 2004 funding in the amount of \$1,700,000 is included to continue activities associated with the Virginia Pollutant Discharge Elimination System (VPDES) Municipal Separate Storm Sewer System (MS4) discharge permit, which is required as part of the Clean Water Act amendments of 1987, and mandates implementation of a water quality management program. The MS4 discharge permit is considered a five-year renewal of the National Pollutant Discharge Elimination System (NPDES) permit, effective January 24, 2002. Activities include water quality testing, watershed master planning, improvement programs, and development of the GIS-based storm sewer system inventory.
<b>Total</b>		<b>\$3,080,724</b>	<b>\$2,515,000</b>	
<b>Fund 313, Trail Construction</b>				
002200	Upgrade and Emergency Maintenance of Existing Trails (Countywide)	Continuing	\$75,000	FY 2004 funding in the amount of \$75,000 is included for upgrading and emergency maintenance of existing trails to public standards, as well as addressing safety and hazardous conditions, deterioration of trail surfaces, and the replacement and repair of guardrails, handrails, and pedestrian bridges. Several older trails do not meet current standards, and projects have been designed to alleviate safety problems, including incorrect grades, steep slopes, or obstructions (i.e., power poles/trees that are located too close to the trail).
<b>Total</b>		<b>Continuing</b>	<b>\$75,000</b>	

**TOTAL PAYDOWN (HB599 FINANCING)**

**\$8,362,776**

**DETAILS: PAYDOWN PROGRAM  
(HB599 AND OTHER FINANCING)**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
<b>Fund 303, County Construction</b>				
005009	Athletic Field Maintenance (Countywide)	Continuing	\$3,300,000	FY 2004 funding in the amount of \$3,300,000 is included for athletic field maintenance managed by the Fairfax County Park Authority and financed from athletic group user fees. In addition to user fee support, an amount of \$2,222,813 is included to fund athletic field maintenance financed by the General Fund for a total of \$5,522,813.
009400	Land Acquisition Reserve (Countywide)	Continuing	1,000,000	FY 2004 funding in the amount of \$1,000,000 is included for the County's land acquisition reserve. The reserve provides a source of funding for the acquisition of land or open space preservation for future County facilities and capital projects.
009425	South County Center (Lee)	7,748,712	1,000,000	FY 2004 funding in the amount of \$1,000,000 is included for the second year of a five-year lease-purchase agreement associated with systems furniture for the South County Government Center. The 159,000-square-foot Center will include a senior center, an expanded teen center, an employment center, office space for County staff, community meeting rooms, and an e-government center. In addition to support through other revenue, an amount of \$21,702 is financed by the General Fund for a total of \$1,021,702.
<b>Total</b>		<b>Continuing</b>	<b>\$5,300,000</b>	

**TOTAL PAYDOWN (OTHER FINANCING)**

**\$5,300,000**

**TOTAL PAYDOWN PROGRAM**

**\$20,055,817**

## DETAILS: GENERAL OBLIGATION BONDS

Project Number	Project Name (District)	Total Project Estimate	FY 2004 Funded	Description
<b>Fund 306, Northern Virginia Regional Park</b>				
Various	County Contribution (Countywide)	Continuing	\$2,250,000	FY 2004 funding is included for Fairfax County's capital contribution to the Northern Virginia Regional Park Authority (NVRPA). Funding provides for costs associated with construction, park development, and capital requirements according to plans adopted by the NVRPA Board and its Capital Improvement Program. The FY 2004 funding level is consistent with the approved FY 2003 - FY 2007 Capital Improvement Program (With Future Years to 2012). FY 2004 represents the sixth and final year of the County's funding agreement associated with the 1998 referendum.
<b>Total</b>		<b>Continuing</b>	<b>\$2,250,000</b>	
<b>Fund 309, Metro Operations and Construction</b>				
N/A	N/A	Continuing	\$2,919,980	FY 2004 funding in the amount of \$2,919,980 is included for General Obligation Bond capital to support the 103-mile Metrorail system as well as to maintain and/or acquire facilities, equipment, railcars, and buses. In addition to General Obligation Bond support, an amount of \$2,130,340 is included to fund Metrorail maintenance and support financed by fund balance for a total of \$5,050,320.
<b>Total</b>		<b>Continuing</b>	<b>\$2,919,980</b>	
<b>Fund 311, County Bond Construction</b>				
88A002	West Ox Bus Operations Facility (Sully)	\$23,316,000	\$1,000,000	FY 2004 funding in the amount of \$1,000,000 is included to complete design of an operating and maintenance center at West Ox Road and Lee Highway for the FAIRFAX CONNECTOR bus fleet serving Vienna and western areas of the County. The FY 2004 funding level is consistent with the approved FY 2003 – FY 2007 Capital Improvement Program (With Future Years to 2012).
<b>Total</b>		<b>\$23,316,000</b>	<b>\$1,000,000</b>	
<b>Fund 312, Public Safety Construction</b>				
009209	Judicial Center Expansion (City of Fairfax)	\$115,000,000	\$34,970,552	FY 2004 funding in the amount of \$34,970,552 is included for the design and construction of an approximately 312,000-square-foot expansion to the Jennings Judicial Center. The expanded judicial center will consolidate court services, reduce overcrowding, allow after-hours access to the public law library and other court clerk functions, and provide additional courtroom space. The Juvenile and Domestic Relations Court, General District Court, and Circuit Court will be located within this facility.
<b>Total</b>		<b>\$115,000,000</b>	<b>\$34,970,552</b>	



## DETAILS: GENERAL OBLIGATION BONDS

Project Number	Project Name (District)	Total Project Estimate	FY 2004 Funded	Description
<b>Fund 370, Park Authority Bond Construction</b>				
476102	Land Acquisition - 2002 Bonds (Countywide)	Continuing	\$10,000,000	FY 2004 funding in the amount of \$10,000,000 is included for the acquisition of additional parkland throughout the County, as well as repayment of a short-term note issued by the Park Authority for the purchase of 246 acres along Pleasant Valley Road. FY 2004 funding in the amount of 10,000,000 provides for land acquisition and is consistent with the approved FY 2003 – FY 2007 Capital Improvement Program (With Future Years to 2012).
<b>Total</b>		<b>Continuing</b>	<b>\$10,000,000</b>	
<b>Fund 390, School Bond Construction</b>				
N/A	N/A	Continuing	\$130,000,000	FY 2004 funding in the amount of \$130,000,000 is included for school design and construction. For details, see the FY 2004 Superintendent's Proposed Budget.
<b>Total</b>		<b>Continuing</b>	<b>\$130,000,000</b>	

**TOTAL GENERAL OBLIGATION BONDS**

**\$181,140,532**

**DETAILS: WASTEWATER MANAGEMENT SYSTEM**

<b>Project Number</b>	<b>Project Name (District)</b>	<b>Total Project Estimate</b>	<b>FY 2004 Funded</b>	<b>Description</b>
<b>Fund 402, Sewer Construction Improvements</b>				
G00901	DC Treatment Blue Plains (Countywide)	\$61,891,342	\$8,400,000	FY 2004 funding in the amount of \$8,400,000 is included for Fairfax County's share of projected costs associated with the upgrade to the DC Blue Plains Wastewater Treatment Plant. The County pays for approximately 8.4 percent of the total costs for the design and construction of the upgrade for nitrification and sludge handling facilities.
G00903	Arlington Wastewater Treatment (Countywide)	12,457,392	1,000,000	FY 2004 funding in the amount of \$1,000,000 is included for County's share of nitrogen removal costs at the Arlington Wastewater Treatment Plant, based on current construction estimates from the treatment plant.
I00351	Pump Station Renovations (Countywide)	Continuing	500,000	FY 2004 funding in the amount of \$500,000 is included for the rehabilitation of the Route 50/I-66 Main Pump Station based on age, deteriorating condition, and increasing maintenance costs.
I00904	ASA Wastewater Treatment Plant (Countywide)	178,466,723	9,930,000	FY 2004 funding in the amount of \$9,930,000 is included for Fairfax County's share of construction costs associated with the improvements to the Alexandria Wastewater Treatment Plant. The County pays for approximately 60 percent of the total costs of the upgrade for ammonia removal.
L00117	Dogue Creek Rehab/ Replacement (Mt. Vernon)	Continuing	3,000,000	FY 2004 funding in the amount of \$3,000,000 is included for the replacement of the 20-year-old Dogue Creek Force Main based on the age and deteriorating condition of the equipment.
X00445	Integrated Sewer Metering (Countywide)	Continuing	50,000	FY 2004 funding in the amount of \$50,000 is included for the Wastewater Management's annual metering program which upgrades existing sewer meters throughout the County to comply with the Virginia Water Control Board Regulations.
X00905	Replacement and Transmission (Countywide)	Continuing	8,500,000	FY 2004 funding in the amount of \$8,500,000 is included for the recurring repair, replacement, and renovation of 20 miles of sewer lines using predominantly "no dig" technologies, siphon cleaning, siphon and vault rehabilitations and the replacement of line segments.
X00940	Developer Projects County Costs (Countywide)	Continuing	154,000	FY 2004 funding in the amount of \$154,000 is included for the maintenance and review of as-built sewer plans for sewer segments.
<b>Total</b>		<b>\$252,815,457</b>	<b>\$31,534,000</b>	

**TOTAL WASTEWATER MANAGEMENT**

**\$31,534,000**

## DETAILS: OTHER FINANCING

Project Number	Project Name (District)	Total Project Estimate	FY 2004 Funded	Description
<b>Fund 113, McLean Community Center</b>				
003601	McLean Community Center Improvements (Dranesville)	\$1,041,041	\$245,000	FY 2004 funding in the amount of \$245,000 is included for renovations to the Center's roof, improvements to interior lighting, replacement of two HVAC units, and the renovation of two restrooms to ensure ADA compliance.
<b>Total</b>		<b>\$1,041,041</b>	<b>\$245,000</b>	
<b>Fund 114, I-95 Refuse Disposal</b>				
186435	I-95 Landfill Basin 20 (Mt. Vernon)	Continuing	\$5,751,000	FY 2004 funding in the amount of \$5,751,000 provides for construction costs to convert landfill space into disposal areas for ash generated by the Energy/Resource Recovery Facility (E/RRF).
186650	I-95 Landfill Closure (Mt. Vernon)	66,266,191	9,178,000	FY 2004 funding in the amount of \$9,178,000 provides for construction costs to meet all State and Federal regulations regarding the closure of the I-95 Landfill to the deposit of municipal solid waste (raw refuse). This project is in accordance with closure plans as presented to and approved by the Virginia Department of Waste Management. As closure requirements are identified, funding will be provided from the Landfill Closure Reserve.
<b>Total</b>		<b>\$66,266,191</b>	<b>\$14,929,000</b>	
<b>Fund 144, Housing Trust Fund</b>				
013906	Undesignated (Countywide)	Continuing	\$1,001,411	FY 2004 funding in the amount of \$1,001,411 is included as a planning factor for the Undesignated Project, based on anticipated proffer and interest income in FY 2004 in the Housing Trust Fund. Funding will be retained in the Undesignated Project until designated to specific projects by the FCRHA and the Board of Supervisors.
<b>Total</b>		<b>Continuing</b>	<b>\$1,001,411</b>	
<b>Fund 145, HOME Investment Partnership</b>				
013974	HOME Development Costs (Countywide)	Continuing	\$1,302,795	FY 2004 funding in the amount of \$1,302,795 will be allocated to specific projects as recommended by the Board of Supervisors. Allocation to specific projects is anticipated in the Spring of 2003.
<b>Total</b>		<b>Continuing</b>	<b>\$1,302,795</b>	

## DETAILS: OTHER FINANCING

Project Number	Project Name (District)	Total Project Estimate	FY 2004 Funded	Description
<b>Fund 301, Contributed Roadway Improvement Fund</b>				
007700	Fairfax Center Reserve (Providence)	Continuing	\$716,467	FY 2004 funding is based on anticipated contributions and pooled interest income for roadway construction in Fairfax Center area.
008800	Centreville Reserve (Sully)	Continuing	92,661	FY 2004 funding is based on anticipated contributions and pooled interest income for roadway construction in Centreville area.
009900	Miscellaneous (Countywide)	Continuing	1,115,678	FY 2004 funding is based on anticipated contributions and pooled interest income for miscellaneous roadway improvements.
009911	Tysons Corner Reserve (Providence)	Continuing	230,475	FY 2004 funding is based on anticipated contributions and pooled interest income for roadway construction in Tysons Corner area.
<b>Total</b>		<b>Continuing</b>	<b>\$2,155,281</b>	
<b>Fund 309, Metro Operations and Construction</b>				
N/A	N/A	Continuing	\$2,130,340	FY 2004 funding in the amount of \$2,130,340 is included to support the 103-mile Metrorail system as well as to maintain and/or acquire facilities, equipment, railcars, and buses. In addition, an amount of \$2,919,980 is included to fund Metrorail maintenance and support financed by General Obligation Bonds for a total of \$5,050,320.
<b>Total</b>		<b>Continuing</b>	<b>\$2,130,340</b>	
<b>Fund 390, Public School Construction</b>				
N/A	N/A	Continuing	\$78,319,289	FY 2004 funding in the amount of \$78,319,289 is included for various school construction projects financed from Parent Teachers Association/Parent Teachers Organization receipts, miscellaneous revenues, the carryover of bond funds, and transfers from Fund 090, School Operating Fund. For details, see the FY 2004 Superintendent's Proposed Budget.
<b>Total</b>		<b>Continuing</b>	<b>\$78,319,289</b>	

**TOTAL OTHER FINANCING**

**\$100,083,116**